Data analysis
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).

Design criteria
On the Use of Directional Wave Criteria. — George Z. Forristall; 130(5), 272-5 (2004).

Design waves
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).

Deterioration
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Distribution functions
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).

Drag coefficient
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).

Dredging
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).
Nearshore Impacts of Dredging for Beach Nourishment. — Paul A. Work, Fairlight Fehrenbacher, and George Voulgaris; 130(6), 303-11 (2004).

Eddy viscosity
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (2004).

Edge waves
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).

Energy development
Generating Power from Tidal Currents. — Chris Garrett and Patrick Cummins; 130(3), 114-8 (2004).

Energy dissipation
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
Generation and Propagation of Water Waves in a Two-Dimensional Numerical Viscous Wave Flume. — Chih-Ming Dong and Ching-Jer Huang; 130(3), 143-53 (2004).

Erosion
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).
Soft Cliff Recession under Oblique Waves: Physical Model Tests. — J. S. Damgaard and P. Dong; 130(5), 234-42 (2004).

Experimentation
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

Failure modes
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).
Soft Cliff Recession under Oblique Waves: Physical Model Tests. — J. S. Damgaard and P. Dong; 130(5), 234-42 (2004).

Feedback control
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).

Fiber composites
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Fiber reinforced plastics
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Finite difference method
Numerical Study of Tidal Effects on Seawater Intrusion in Confined and Unconfined Aquifers by Time-Independent Finite-Difference Method. — Bang-Fuh Chen and Shih-Meng Hsu; 130(4), 191-206 (2004).

Finite element method
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).

Flexible pipes
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Floating bodies
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Floating structures
Floating Breakwater Response to Waves Action Using a Boussinesq Model Coupled with a 2DV Elliptic Solver. — E. V. Koutandos, Th. V. Karambas, and C. G. Koutitas; 130(5), 243-55 (2004).

Flumes
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).
Generation and Propagation of Water Waves in a Two-Dimensional Numerical Viscous Wave Flume. — Chih-Ming Dong and Ching-Jer Huang; 130(3), 143-53 (2004).

Gaussian process
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).

Geosynthetics
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Great Lakes
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).

Harbors
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Hydraulic models
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Hydrodynamics
Using a Three-Dimensional Smoothed Particle Hydrodynamics Method for Wave Impact on a Tall Structure. — M. Gómez-Gesteira and Robert A. Dalrymple; 130(2), 63-9 (2004).
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).

Hydrologic models
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (2004).

Imaging techniques
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).

Incipient motion
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

India
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Inlets, waterways
Escoffier Curves and Inlet Stability. — Todd L. Walton, Jr.; 130(1), 54-7 (2004).

Internal waves
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).

Kinetics
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (2004).

Laboratory tests
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Landslides
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).

Littoral currents
Longshore Sediment Transport by Nonlinear Waves and Currents. — Theophanis V. Karambas and Ekaterini K. Karathanassi; 130(6), 277-86 (2004).

Mathematical models
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).
Floating Breakwater Response to Waves Action Using a Boussinesq Model Coupled with a 2DV Elliptic Solver. — E. V. Koutandos, Th. V. Karambas, and C. G. Koutitas; 130(5), 243-55 (2004).

Model tests
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Nearshore
Nearshore Impacts of Dredging for Beach Nourishment. — Paul A. Work, Fairlight Fehrenbacher, and George Voulgaris; 130(6), 303-11 (2004).

Neural networks
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).

Nonlinear analysis
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).

Nonlinear programming
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Nonlinear response
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).
Stokes Correction for Nonlinearity of Wave Crests in Heavy Seas. — Thomas H. Dawson; 130(1), 39-44 (2004).

Numerical models
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).

Ocean engineering
Generating Power from Tidal Currents. — Chris Garrett and Patrick Cummins; 130(3), 114-8 (2004).

Ocean environments
On the Use of Directional Wave Criteria. — George Z. Forristall; 130(5), 272-5 (2004).

Oceans
Stokes Correction for Nonlinearity of Wave Crests in Heavy Seas. — Thomas H. Dawson; 130(1), 39-44 (2004).

Offshore engineering
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Offshore structures
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).
On the Use of Directional Wave Criteria. — George Z. Forristall; 130(5), 272-5 (2004).

Oil spills
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Oil storage
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Open channels
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Optimization
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Oscillations
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Parameters
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).

Perturbation
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Piles
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Porous flow
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).

Porous media
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).

Predictions
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).

Probabilistic models
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Random waves
Modified Hunt's Equation Incorporating Wave Setup. — T. S. Hedges and H. Mase; 130(3), 109-13 (2004).
On the Use of Directional Wave Criteria. — George Z. Forristall; 130(5), 272-5 (2004).

Reliability analysis
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Resonance
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

River beds
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Rubble-mound breakwaters
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Safety factors
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Salt water intrusion
Numerical Study of Tidal Effects on Seawater Intrusion in Confined and Unconfined Aquifers by Time-Independent Finite-Difference Method. — Bang-Fuh Chen and Shih-Meng Hsu; 130(4), 191-206 (2004).

Scour
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Sea level
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).

Sediment transport
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).
Longshore Sediment Transport by Nonlinear Waves and Currents. — Theophanis V. Karambas and Ekaterini K. Karathanassi; 130(6), 277-86 (2004).

Sensitivity analysis
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Settling velocity
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Shake table tests
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

Shear stress
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (2004).

Ship motion
Evaluation of Relative Motions between Closely Spaced Vessels in Bidirectional Irregular Waves. — Edward M. Lewandowski and Steven F. Naud; 130(1), 58-61 (2004).

Ships
Evaluation of Relative Motions between Closely Spaced Vessels in Bidirectional Irregular Waves. — Edward M. Lewandowski and Steven F. Naud; 130(1), 58-61 (2004).

Shoreline changes
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).
Nearshore Impacts of Dredging for Beach Nourishment. — Paul A. Work, Fairlight Fehrenbacher, and George Voulgaris; 130(6), 303-11 (2004).

Sliding
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

Slopes
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).
Modified Hunt's Equation Incorporating Wave Setup. — T. S. Hedges and H. Mase; 130(3), 109-13 (2004).
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Spectra
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).

Spectral analysis
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).

Stability
Escoffier Curves and Inlet Stability. — Todd L. Walton, Jr.; 130(1), 54-7 (2004).

Standard deviation
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).

Statistical analysis
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).

Statistical models
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).

Statistics
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).

Surveys
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).

Three-dimensional models
Using a Three-Dimensional Smoothed Particle Hydrodynamics Method for Wave Impact on a Tall Structure. — M. Gómez-Gesteira and Robert A. Dalrymple; 130(2), 63-9 (2004).

Tidal currents
Generating Power from Tidal Currents. — Chris Garrett and Patrick Cummins; 130(3), 114-8 (2004).

Tidal effects
Numerical Study of Tidal Effects on Seawater Intrusion in Confined and Unconfined Aquifers by Time-Independent Finite-Difference Method. — Bang-Fuh Chen and Shih-Meng Hsu; 130(4), 191-206 (2004).

Tidal electric power generation
Generating Power from Tidal Currents. — Chris Garrett and Patrick Cummins; 130(3), 114-8 (2004).

Tides
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).

Time dependence
Numerical Study of Tidal Effects on Seawater Intrusion in Confined and Unconfined Aquifers by Time-Independent Finite-Difference Method. — Bang-Fuh Chen and Shih-Meng Hsu; 130(4), 191-206 (2004).
Longshore Sediment Transport by Nonlinear Waves and Currents. — Theophanis V. Karambas and Ekaterini K. Karathanassi; 130(6), 277-86 (2004).

Transformations
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Transport rate
Longshore Sediment Transport by Nonlinear Waves and Currents. — Theophanis V. Karambas and Ekaterini K. Karathanassi; 130(6), 277-86 (2004).

Transverse waves
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Tsunamis
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).

Turkey
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).

Two-dimensional models
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).

Validation
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).

Velocity
Escoffier Curves and Inlet Stability. — Todd L. Walton, Jr.; 130(1), 54-7 (2004).
Evaluation of Relative Motions between Closely Spaced Vessels in Bidirectional Irregular Waves. — Edward M. Lewandowski and Steven F. Naud; 130(1), 58-61 (2004).
Using a Three-Dimensional Smoothed Particle Hydrodynamics Method for Wave Impact on a Tall Structure. — M. Gómez-Gesteira and Robert A. Dalrymple; 130(2), 63-9 (2004).

Vortex shedding
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Water depth
Dual Boundary Element Analysis of Normal Incident Wave Passing a Thin Submerged Breakwater with Rigid, Absorbing, and Permeable Boundaries. — Kue-Hong Chen, Jeng-Tzong Chen, Sheng-Yih Lin, and Ying-Te Lee; 130(4), 179-90 (2004).
Water level fluctuations
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).
Waterfront structures
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).
Wave reflection
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
Wave action
Floating Breakwater Response to Waves Action Using a Boussinesq Model Coupled with a 2DV Elliptic Solver. — E. V. Koutandos, Th. V. Karambas, and C. G. Koutitas; 130(5), 243-55 (2004).
Wave attenuation
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
Wave crest
Stokes Correction for Nonlinearity of Wave Crests in Heavy Seas. — Thomas H. Dawson; 130(1), 39-44 (2004).
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).
Wave generation
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).
Wave height
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).
Wave measurement
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).
Wave propagation
Generation and Propagation of Water Waves in a Two-Dimensional Numerical Viscous Wave Flume. — Chih-Ming Dong and Ching-Jer Huang; 130(3), 143-53 (2004).
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).
Wave reflection
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).
Wave refraction
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).
Wave runup
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).
Modified Hunt's Equation Incorporating Wave Setup. — T. S. Hedges and H. Mase; 130(3), 109-13 (2004).
Wave spectra
Evaluation of Relative Motions between Closely Spaced Vessels in Bidirectional Irregular Waves. — Edward M. Lewandowski and Steven F. Naud; 130(1), 58-61 (2004).
Waves
Using a Three-Dimensional Smoothed Particle Hydrodynamics Method for Wave Impact on a Tall Structure. — M. Gómez-Gesteira and Robert A. Dalrymple; 130(2), 63-9 (2004).
Wind pressure
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).
Wind wave
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).
Wind waves
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).
Wood
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).
Wooden structures
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Author Index

As-Salek, Junaid A.
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).

Balas, Can Elmar
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).

Balas, Lale
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).

Baquerizo, Asunción
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Barua, Dilip K.
Discussion of "Simple Formula to Estimate Settling Velocity of Natural Sediments" by José A. Jiménez and Ole S. Madsen. — Dilip K. Barua; 130(4), 219-20 (2004).

Boillat, Jean-Louis
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Börekçi, Osman S.
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).

Castillo, Carmen
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Castillo, Enrique
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Chen, Bang-Fuh
Numerical Study of Tidal Effects on Seawater Intrusion in Confined and Unconfined Aquifers by Time-Independent Finite-Difference Method. — Bang-Fuh Chen and Shih-Meng Hsu; 130(4), 191-206 (2004).

Chen, Jeng-Tzong
Dual Boundary Element Analysis of Normal Incident Wave Passing a Thin Submerged Breakwater with Rigid, Absorbing, and Permeable Boundaries. — Kue-Hong Chen, Jeng-Tzong Chen, Sheng-Yih Lin, and Ying-Te Lee; 130(4), 179-90 (2004).

Chen, Kue-Hong
Dual Boundary Element Analysis of Normal Incident Wave Passing a Thin Submerged Breakwater with Rigid, Absorbing, and Permeable Boundaries. — Kue-Hong Chen, Jeng-Tzong Chen, Sheng-Yih Lin, and Ying-Te Lee; 130(4), 179-90 (2004).

Chen, Qin
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).

Chen, Yang-Yih
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Cheng, Nian-Sheng
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Clarke, Suzanne
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).

Clément, A. H.
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).

Colmard, C.
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).

Cummins, Patrick
Generating Power from Tidal Currents. — Chris Garrett and Patrick Cummins; 130(3), 114-8 (2004).

Dalrymple, Robert A.
Using a Three-Dimensional Smoothed Particle Hydrodynamics Method for Wave Impact on a Tall Structure. — M. Gómez-Gesteira and Robert A. Dalrymple; 130(2), 63-9 (2004).

Damgaard, J. S.
Soft Cliff Recession under Oblique Waves: Physical Model Tests. — J. S. Damgaard and P. Dong; 130(5), 234-42 (2004).

Damgaard, Jesper
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).

Dawson, Thomas H.
Stokes Correction for Nonlinearity of Wave Crests in Heavy Seas. — Thomas H. Dawson; 130(1), 39-44 (2004).

Demir, Hüseyin
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).

Do, Tien
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).

Dodd, Nicholas
Modeling Flow In and Above a Porous Beach. — Suzanne Clarke, Nicholas Dodd, and Jesper Damgaard; 130(5), 223-33 (2004).

Dong, Chih-Ming
Generation and Propagation of Water Waves in a Two-Dimensional Numerical Viscous Wave Flume. — Chih-Ming Dong and Ching-Jer Huang; 130(3), 143-53 (2004).

Dong, P.
Soft Cliff Recession under Oblique Waves: Physical Model Tests. — J. S. Damgaard and P. Dong; 130(5), 234-42 (2004).

Duclos, G.
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).

Fehrenbacher, Fairlight
Nearshore Impacts of Dredging for Beach Nourishment. — Paul A. Work, Fairlight Fehrenbacher, and George Voulgaris; 130(6), 303-11 (2004).

Forristall, George Z.
On the Use of Directional Wave Criteria. — George Z. Forristall; 130(5), 272-5 (2004).

Fritz, H. M.
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).

Ganju, Neil K.
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Garrett, Chris
Generating Power from Tidal Currents. — Chris Garrett and Patrick Cummins; 130(3), 114-8 (2004).

Gentaz, L.
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).

Goda, Yoshimi
Spread Parameter of Extreme Wave Height Distribution for Performance-Based Design of Maritime Structures. — Yoshimi Goda; 130(1), 29-38 (2004).

Gómez-Gesteira, M.
Using a Three-Dimensional Smoothed Particle Hydrodynamics Method for Wave Impact on a Tall Structure. — M. Gómez-Gesteira and Robert A. Dalrymple; 130(2), 63-9 (2004).

Goodell, Barry
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Hager, W. H.
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).

Hanes, Daniel M.
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (T) (2004).

Hedges, T. S.
Modified Hunt's Equation Incorporating Wave Setup. — T. S. Hedges and H. Mase; 130(3), 109-13 (2004).

Hong, Y. P.
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Hsu, John R.-C.
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Hsu, Shih-Meng
Numerical Study of Tidal Effects on Seawater Intrusion in Confined and Unconfined Aquifers by Time-Independent Finite-Difference Method. — Bang-Fuh Chen and Shih-Meng Hsu; 130(4), 191-206 (2004).

Huang, Ching-Jer
Generation and Propagation of Water Waves in a Two-Dimensional Numerical Viscous Wave Flume. — Chih-Ming Dong and Ching-Jer Huang; 130(3), 143-53 (2004).

Hwang, Paul A.
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).

Ichii, Koji
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

Jiang, Jianhua
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Jiménez, José A.
Closure to "Simple Formula to Estimate Settling Velocity of Natural Sediments" by José A. Jiménez and Ole S. Madsen. — José A. Jiménez and Ole S. Madsen; 130(4), 220-1 (2004).

Josset, C.
Hydrodynamic Efficiency of a New Design of Half-Submerged Breakwater Compared to a Rectangular Caisson. — G. Duclos, C. Josset, A. H. Clément, L. Gentaz, and C. Colmard; 130(3), 127-33 (2004).

Kaihatu, James M.
Incorporation of Wind Effects Into Boussinesq Wave Models. — Qin Chen, James M. Kaihatu, and Paul A. Hwang; 130(6), 312-21 (2004).

Karambas, Th. V.
Floating Breakwater Response to Waves Action Using a Boussinesq Model Coupled with a 2DV Elliptic Solver. — E. V. Koutandos, Th. V. Karambas, and C. G. Koutitas; 130(5), 243-55 (2004).

Karambas, Theophanis V.
Longshore Sediment Transport by Nonlinear Waves and Currents. — Theophanis V. Karambas and Ekaterini K. Karathanassi; 130(6), 277-86 (2004).

Karathanassi, Ekaterini K.
Longshore Sediment Transport by Nonlinear Waves and Currents. — Theophanis V. Karambas and Ekaterini K. Karathanassi; 130(6), 277-86 (2004).

Kobayashi, Nobuhisa
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).

Koç, Levent
Predictions of Missing Wave Data by Recurrent Neuronets. — Can Elmar Balas, Levent Koç, and Lale Balas; 130(5), 256-65 (2004).

Koterayama, W.
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Koutandos, E. V.
Floating Breakwater Response to Waves Action Using a Boussinesq Model Coupled with a 2DV Elliptic Solver. — E. V. Koutandos, Th. V. Karambas, and C. G. Koutitas; 130(5), 243-55 (2004).

Koutitas, C. G.
Floating Breakwater Response to Waves Action Using a Boussinesq Model Coupled with a 2DV Elliptic Solver. — E. V. Koutandos, Th. V. Karambas, and C. G. Koutitas; 130(5), 243-55 (2004).

Lee, Ying-Te
Dual Boundary Element Analysis of Normal Incident Wave Passing a Thin Submerged Breakwater with Rigid, Absorbing, and Permeable Boundaries. — Kue-Hong Chen, Jeng-Tzong Chen, Sheng-Yih Lin, and Ying-Te Lee; 130(4), 179-90 (2004).

Lewandowski, Edward M.
Evaluation of Relative Motions between Closely Spaced Vessels in Bidirectional Irregular Waves. — Edward M. Lewandowski and Steven F. Naud; 130(1), 58-61 (2004).

Lin, Sheng-Yih
Dual Boundary Element Analysis of Normal Incident Wave Passing a Thin Submerged Breakwater with Rigid, Absorbing, and Permeable Boundaries. — Kue-Hong Chen, Jeng-Tzong Chen, Sheng-Yih Lin, and Ying-Te Lee; 130(4), 179-90 (2004).

Liu, Philip L.-F.
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).

Lleonart, Geoffrey T.
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).

Lopez-Anido, Roberto
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Losada, Miguel A.
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Madsen, Ole S.
Closure to "Simple Formula to Estimate Settling Velocity of Natural Sediments" by José A. Jiménez and Ole S. Madsen. — José A. Jiménez and Ole S. Madsen; 130(4), 220-1 (2004).

Mase, H.
Modified Hunt's Equation Incorporating Wave Setup. — T. S. Hedges and H. Mase; 130(3), 109-13 (2004).

Mehta, Ashish J.
Estimation of Contraction Scour in Riverbed Using SERF. — Jianhua Jiang, Neil K. Ganju, and Ashish J. Mehta; 130(4), 215-8 (2004).

Michael, Antonis P.
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Mínguez, Roberto
Optimal Engineering Design Method that Combines Safety Factors and Failure Probabilities: Application to Rubble-Mound Breakwaters. — Enrique Castillo, Miguel A. Losada, Roberto Mínguez, Carmen Castillo, and Asunción Baquerizo; 130(2), 77-88 (2004).

Minor, H.-E.
Near Field Characteristics of Landslide Generated Impulse Waves. — H. M. Fritz, W. H. Hager, and H.-E. Minor; 130(6), 287-302 (2004).

Mohajeri, Masoud
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

Mouraenko, Oleg
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (T) (2004).

Nakamura, M.
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Naud, Steven F.
Evaluation of Relative Motions between Closely Spaced Vessels in Bidirectional Irregular Waves. — Edward M. Lewandowski and Steven F. Naud; 130(1), 58-61 (2004).

Otay, Emre N.
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).

Ou, Shan-Hwei
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Park, H. I.
Experimental Study on Vortex Induced Vibrations of Highly Flexible Immersed Pipe Subjected to Top End Oscillations. — H. I. Park, Y. P. Hong, M. Nakamura, and W. Koterayama; 130(4), 207-14 (2004).

Puleo, Jack A.
One-Dimensional Wave Bottom Boundary Layer Model Comparison: Specific Eddy Viscosity and Turbulence Closure Models. — Jack A. Puleo, Oleg Mouraenko, and Daniel M. Hanes; 130(6), 322-5 (T) (2004).

Rouillard, Vincent
Spectral Technique for Generating Gaussian Wave Packets. — Tien Do, Geoffrey T. Lleonart, and Vincent Rouillard; 130(2), 104-8 (2004).

Sandford, Thomas C.
Assessment of Wood Pile Deterioration due to Marine Organisms. — Roberto Lopez-Anido, Antonis P. Michael, Barry Goodell, and Thomas C. Sandford; 130(2), 70-6 (2004).

Sayah, Selim M.
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Schleiss, Anton
Behavior of a Contractile Floating Reservoir for the Confinement and Recovery of Oil Slicks. — Selim M. Sayah, Jean-Louis Boillat, and Anton Schleiss; 130(5), 266-71 (2004).

Schwab, David J.
High-Frequency Water Level Fluctuations in Lake Michigan. — Junaid A. As-Salek and David J. Schwab; 130(1), 45-53 (2004).

Shintani, Tetsuya
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).

Tamura, Tamotsu
Experimental Study on Sliding Block Concept for Caisson Walls. — Masoud Mohajeri, Koji Ichii, and Tamotsu Tamura; 130(3), 134-42 (2004).

Tang, Lin-Wu
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Tayfun, M. Aziz
Statistics of Wave Crests in Storms. — M. Aziz Tayfun; 130(4), 155-61 (2004).

Umeyama, Motohiko
Visualization Analysis of Runup and Mixing of Internal Waves on an Upper Slope. — Motohiko Umeyama and Tetsuya Shintani; 130(2), 89-97 (2004).

Voulgaris, George
Nearshore Impacts of Dredging for Beach Nourishment. — Paul A. Work, Fairlight Fehrenbacher, and George Voulgaris; 130(6), 303-11 (2004).

Walton, Todd L., Jr.
Escoffier Curves and Inlet Stability. — Todd L. Walton, Jr.; 130(1), 54-7 (2004).

Wang, Jianzhong
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Woo, Seung-Buhm
Finite-Element Model for Modified Boussinesq Equations. I: Model Development. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 1-16 (2004).
Finite-Element Model for Modified Boussinesq Equations. II: Applications to Nonlinear Harbor Oscillations. — Seung-Buhm Woo and Philip L.-F. Liu; 130(1), 17-28 (2004).

Work, Paul A.
Impacts of Dredging on Shoreline Change. — Hüseyin Demir, Emre N. Otay, Paul A. Work, and Osman S. Börekçi; 130(4), 170-8 (2004).
Nearshore Impacts of Dredging for Beach Nourishment. — Paul A. Work, Fairlight Fehrenbacher, and George Voulgaris; 130(6), 303-11 (2004).

Yamada, Fumihiko
Annual Variations of Tide Level and Mudflat Profile. — Fumihiko Yamada and Nobuhisa Kobayashi; 130(3), 119-26 (2004).

Yang, Bin-Da
Transformation of Progressive Waves Propagating Obliquely on Gentle Slope. — Yang-Yih Chen, Bin-Da Yang, Lin-Wu Tang, Shan-Hwei Ou, and John R.-C. Hsu; 130(4), 162-9 (2004).

Ying, Qiang
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Zhang, Daifeng
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).

Zhu, Lijun
Settling Distance and Incipient Motion of Sandbags in Open Channel Flows. — Lijun Zhu, Jianzhong Wang, Nian-Sheng Cheng, Qiang Ying, and Daifeng Zhang; 130(2), 98-103 (2004).